

MATERIAL SAFETY DATA SHEET

EAGLE ABRASIVES, INC.

4025 Steve Reynolds Blvd.
Norcross, GA 30093

DATE REVISED: January 1, 2000

I. GENERAL INFORMATION

PRODUCT: EAGLE Zirconia Blue Fibre Discs
PART#: K5178-; K7178-; K9178-

CHEMICAL NAME & SYNONYMS:

Vulcanized Fiber, Aluminum Oxide, Zirconia Alumina,
Binder System, Cryolite

CHEMICAL FAMILY:

N/A

PROPER DOT SHIPPING NAME:

N/A

TRADE NAME & SYNONYMS:

EAGLE Zirconia Blue Fibre Discs

FORMULA:

N/A

DOT HAZARD CLASSIFICATION:

Not Hazardous

MANUFACTURER'S PHONE #: 770-279-8111

CHEMTRAC PHONE #: Not Used

II. INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Vulcanized Fiber	30 to 70	N/A	N/A	N/A
Aluminum Oxide Al ₂ O ₃	5 to 50	15 mg/m ³	10 mg/m ³	1344-28-1
Zirconia Alumina	0 to 30	5 mg/m ³	5 mg/m ³	1314-23-4
Binder System	13 to 25	N/A	N/A	N/A
Cryolite Na ₃ AlF ₆	6 to 15	15 mg/m ³	2 mg/m ³	15096-523

III. PHYSICAL DATA

BOILING POINT: (F) N/A	SPECIFIC GRAVITY: (H ₂ O = 1) N/A
VAPOR PRESSURE: (mm Hg.) N/A	PERCENT VOLATILE BY VOLUME: (%) N/A
VAPOR DENSITY: (Air = 1) N/A	EVAPORATION RATE: (= 1) N/A
SOLUBILITY IN WATER: N/A	ph: N/A
APPEARANCE & ODOR: Green backing - odorless	

IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): N/A
AUTO IGNITION TEMPERATURE: N/A
LEL: N/A
UEL: N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Water spray, CO ₂ , Foam, Dry chemical or any class A extinguishing agent.
SPECIAL FIRE FIGHTING PROCEDURES: Backing & resin binder will burn or decompose. Use respiratory protection.
UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

V. HEALTH HAZARD DATA

PRODUCT: EAGLE Zirconia Blue Fibre Discs

PART# : K5178-; K7178-; K9178-

Threshold Value: N/A	OSHA Threshold Limit Value: N/A	ACGIH Threshold Limit Value: N/A
Carcinogen - NTP Program: N/A	Carcinogen -IARC Program: N/A	
SYMPTOMS OF EXPOSURE: Could cause coughing and shortness of breath due to dust, may affect breathing, may cause abrasion on skin, dust may irritate eyes.		
Medical Conditions Aggravated by Exposure:	N/A	
Primary Routes of Entry:	N/A	
EMERGENCY FIRST AID: Remove to fresh air if needed, wash eyes with water, obtain first aid or medical assistant as deemed necessary.		

VI. REACTIVITY DATA

STABILITY: Stable	CONDITIONS TO AVOID: N/A
INCOMPATIBILITY: N/A	MATERIALS TO AVOID: N/A
HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: During use, dust and fumes are generated, generally more from material being ground.	

VII. ENVIRONMENTAL PROTECTION PROCEDURE

SPILL RESPONSE: N/A
WASTE DISPOSAL METHOD: No special procedure required, standard landfill consistence with applicable federal, state and local laws.

VIII. SPECIAL PROTECTION INFORMATION

EYE PROTECTION: Recommended.	SKIN PROTECTION: N/A
RESPIRATORY PROTECTION: Recommended.	VENTILATION RECOMMENDED: Ventilate for nuisance dust.
OTHER PROTECTION: Protective gloves and clothing recommended to cover exposed skin.	

IX. SPECIAL PRECAUTIONS

HYGIENIC PRACTICES IN HANDLING & STORAGE: Handling: OSHA 29c FR 1910-94 (ventilation) and OSHA 29C FR 1910.1000 (air contaminates) Storage: Away from heat source. Ideally at 35%-50% RH and 60-70 deg. F with ventilation.
PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT: N/A
OTHER PRECAUTIONS: Use CAMI (Coated Abrasive Mfg. Institute) guidelines, follow tool guidelines.